

WHAT IS CLAIMED IS:

1. A method for providing a target application with an application programming interface, said target application comprising a graphical user interface, said method comprising generating a computer code for activating at least one element of said graphical user interface of said target application, wherein said activation of said at least one element causes said target application to execute a desired function.
2. The method of claim 1, wherein said generated computer code activates said at least one element of said graphical user interface of said target application by simulating at least one event of a windows system.
3. The method of claim 1, wherein said generated computer code comprises at least one shadow object for activating said at least one element of said graphical user interface.
4. The method of claim 3, wherein said shadow object activates said at least one element of said graphical user interface by sequentially activating a predetermined plurality of windows.
5. The method of claim 1, further comprising requesting a user to select said at least one element of said graphical user interface of said target application.

6. The method of claim 1, further comprising selecting at least one window associated with said target application, wherein said selected window comprises said at least one element of said graphical user interface of said target application.
7. The method of claim 6, further comprising scanning said selected window for its window components.
8. The method of claim 1, further comprising generating a second computer code for a function causing said target application to execute a predetermined action, wherein said function comprises a call to said at least one shadow object.
9. The method of claim 8, further comprising requesting a user to specify a signature of said function.
10. The method of claim 9, wherein said specified signature of said function comprises a name of said function, an input data parameters of said function and an output data parameters of said function.
11. The method of claim 8, further comprising requesting a user to specify a sequence of components of said graphical user interface of said target application that are required to be activated in order to cause said target application to execute said predetermined action.

12. The method of claim 1, wherein said provided application programming interface is capable of communicating in accordance with SOAP protocol.

13. A method for causing a target application to execute a function, said target application comprising a graphical user interface, said method comprising simulating an event of a windows system, said event activating an element of said graphical user interface of said target application, wherein said activation of said element causes said target application to execute said function.

14. A method for enabling first software application to control second software application, said second software application having a graphical user interface, said method comprising using said first software application to simulate an event of a windows system, said simulated event activating an element of said graphical user interface of said second application, wherein said activation of said element causes said second application to execute a desired function.

15. A computer software for providing a target application with an application programming interface, said target application comprising a graphical user interface, said providing comprising generating a computer code for activating at least one element of said graphical user interface of said target application, wherein said activation of said at least one element causes said target application to execute a desired function.

16. The computer software of claim 15, wherein said generated computer code activates said at least one element of said graphical user interface of said target application by simulating at least one event of a windows system.

17. The computer software of claim 15, wherein said generated computer code comprises at least one shadow object for activating said at least one element of said graphical user interface.

18. The computer software of claim 17, wherein said shadow object activates said at least one element of said graphical user interface by sequentially activating a predetermined plurality of windows.

19. The computer software of claim 15, further comprising requesting a user to select said at least one element of said graphical user interface of said target application.

20. The computer software of claim 15, further comprising selecting at least one window associated with said target application, wherein said selected window comprises said at least one element of said graphical user interface of said target application.

21. The computer software of claim 20, further comprising scanning said selected window for its window components.

22. The computer software of claim 15, further comprising generating a second computer code for a function causing said target application to execute a predetermined action, wherein said function comprises a call to said at least one shadow object.

23. The computer software of claim 22, further comprising requesting a user to specify a signature of said function.

24. The computer software of claim 23, wherein said specified signature of said function comprises a name of said function, an input data parameters of said function and an output data parameters of said function.

25. The computer software of claim 22, further comprising requesting a user to specify a sequence of components of said graphical user interface of said target application that are required to be activated in order to cause said target application to execute said predetermined action.

26. The computer software of claim 15, wherein said provided application programming interface is capable of communicating in accordance with SOAP protocol.

27. A computer software for causing a target application to execute a function, said target application comprising a graphical user interface, said causing comprising simulating an event of a windows system, said event activating an element of said graphical user interface of said target application, wherein said activation of said element causes said target application to execute said function.

28. A computer software for enabling first software application to control second software application, said second software application having a graphical user interface, said enabling comprising using said first software application to simulate an event of a windows system, said simulated event activating an element of said graphical user interface of said second application, wherein said activation of said element causes said second application to execute a desired function.

29. A computer system programmed for providing a target application with an application programming interface, said target application comprising a graphical user interface, said providing comprising generating a computer code for activating at least one element of said graphical user interface of said target application, wherein said activation of said at least one element causes said target application to execute a desired function.

30. The computer system of claim 29, wherein said generated computer code activates said at least one element of said graphical user interface of said target application by simulating at least one event of a windows system.

31. The computer system of claim 29, wherein said generated computer code comprises at least one shadow object for activating said at least one element of said graphical user interface.

32. The computer system of claim 31, wherein said shadow object activates said at least one element of said graphical user interface by sequentially activating a predetermined plurality of windows.

33. The computer system of claim 29, further comprising requesting a user to select said at least one element of said graphical user interface of said target application.

34. The computer system of claim 29, further comprising selecting at least one window associated with said target application, wherein said selected window comprises said at least one element of said graphical user interface of said target application.

35. The computer system of claim 34, further comprising scanning said selected window for its window components.

36. The computer system of claim 29, further comprising generating a second computer code for a function causing said target application to execute a

predetermined action, wherein said function comprises a call to said at least one shadow object.

37. The computer system of claim 36, further comprising requesting a user to specify a signature of said function.

38. The computer system of claim 37, wherein said specified signature of said function comprises a name of said function, an input data parameters of said function and an output data parameters of said function.

39. The computer system of claim 36, further comprising requesting a user to specify a sequence of components of said graphical user interface of said target application that are required to be activated in order to cause said target application to execute said predetermined action.

40. The computer system of claim 29, wherein said provided application programming interface is capable of communicating in accordance with SOAP protocol.

41. A computer system for causing a target application to execute a function, said target application comprising a graphical user interface, said causing comprising simulating an event of a windows system, said event activating an element of said



graphical user interface of said target application, wherein said activation of said element causes said target application to execute said function.

42. A computer system for enabling a first software application to control a second software application, said second software application having a graphical user interface, said enabling comprising using said first software application to simulate an event of a windows system, said simulated event activating an element of said graphical user interface of said second application, wherein said activation of said element causes said second application to execute a desired function.